

R-008-101.4

1369

K-65 AREA WEEKLY REPORT JUNE 14, 1991

06-14-91

**DOE/USEPA
4
REPORT**

K-65 AREA WEEKLY REPORT
JUNE 14, 1991

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SLANT BORINGS:

Slant Boring No. 3 water purging and sampling efforts were initiated on May 31, 1991. Sampling of Boring No. 3 was completed on June 8, 1991.

The WMC0 analysis of Slant Boring #1 will be available on June 17, 1991.

Boring under the Decant Tank was initiated on June 1, 1991. The sampling team has penetrated twenty-three feet.

MAPPING:

The WMC0 Environmental Monitoring personnel extracted water samples from Silo No. 4 and transferred the samples to the WMC0 laboratory on May 31, 1991. The WMC0 analysis will be available on June 14, 1991. The Fernald Silo #4 Remote Surface Mapping Technology Support Demonstration Work Plan will be issued to U. S. EPA the week of June 17, 1991.

BERM SAMPLING:

Extraction, sectioning, and shipment of all six sections from the east side of the silo's was completed on June 5, 1991. Due to physical parameters of the sample upon arriving at the lab, from the northeast boring section A, this section will be resampled starting June 17, 1991.

RADON TREATMENT SYSTEM:

Work on the RTS continued. Activities which have been completed include, but are not limited to, installation of glovebags around the piping in the RTS building, removal of piping, which connected the blowers to the RTS, placement of the concrete pad for the new blower, installation of the blower, piping and electrical conduit.

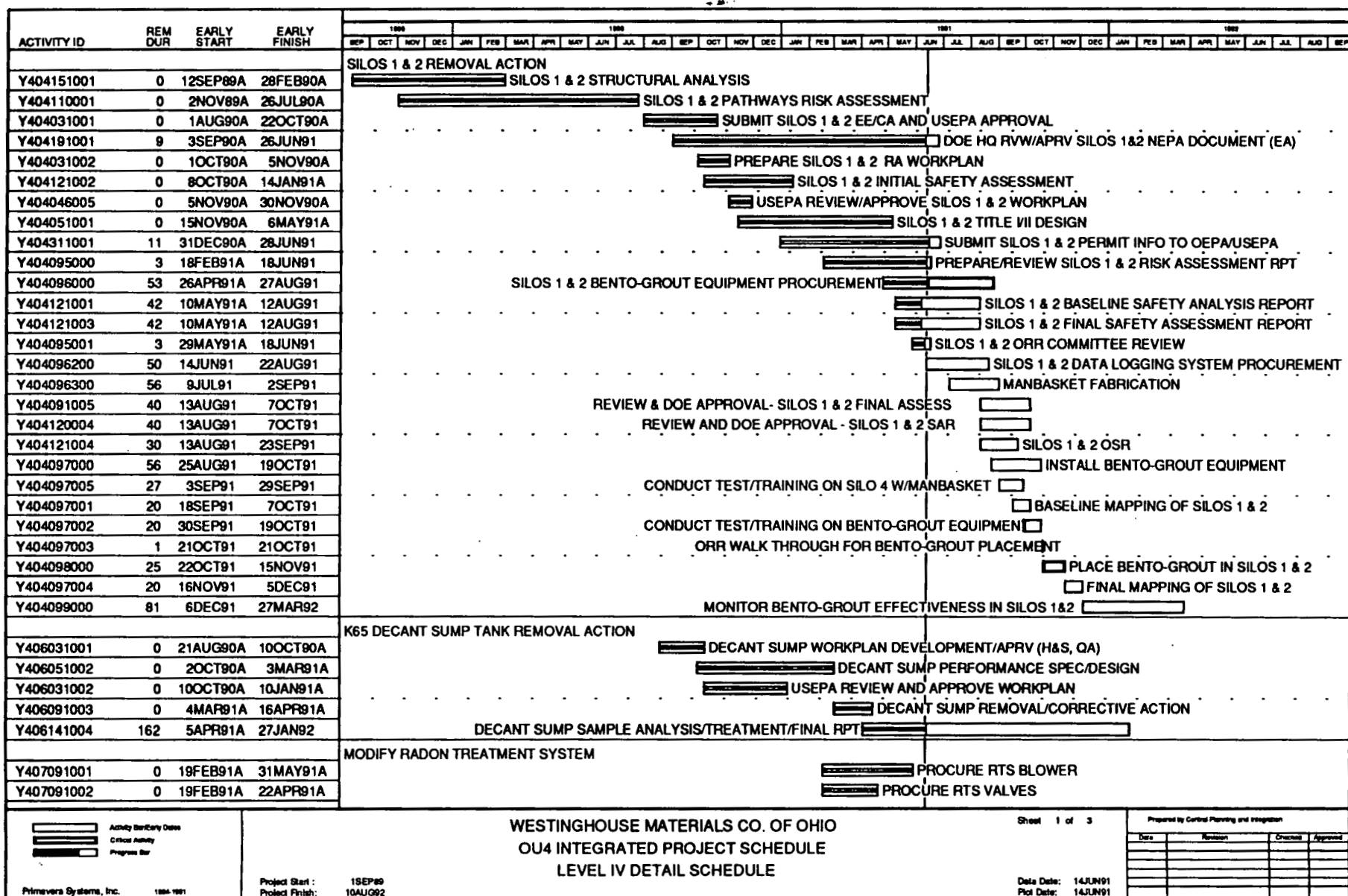
The construction phase of the project was completed on June 8, 1991, is currently on schedule. Work is continuing to prepare for installation of the manway extensions and isolation valves.

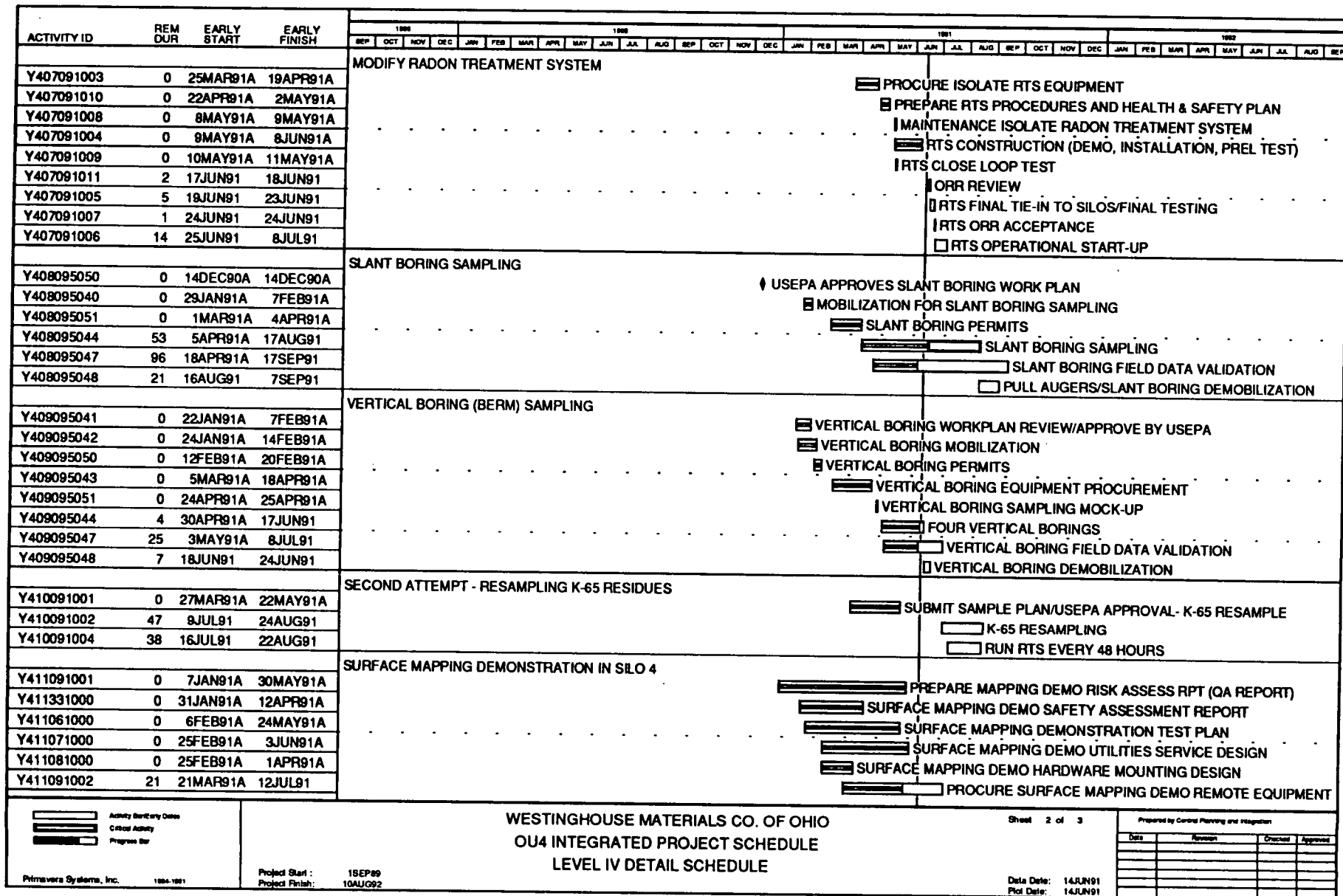
DECANT SUMP:

Sampling of the sludge was initiated on June 7, 1991, after modifications of the sampling equipment was complete. Preliminary analysis of the initial sample will include thorium-230 and radium-226.

GAS SAMPLING AND ANALYSIS OF THE K-65 SILO HEADSPACE

Hydrogen samples were extracted from the headspace of Silo's 1 and 2 on June 4, 1991. The WMC0 analysis of the samples was completed on June 13, 1991. The results for Silo 1 are .09% hydrogen and Silo 2 are .05% hydrogen.





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| ACTIVITY ID | REM DUR | EARLY START | EARLY FINISH | 1990 | | | | | | | | | | | | 1991 | | | | | | | | | | | | 1992 | | | | | | | | | | | |
|-------------|------------|----------------|-----------------|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| | | | | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG |
| Y411091004 | 5 | 18JUN91 | 24JUN91 | SURFACE MAPPING DEMONSTRATION IN SILO 4 | | | | | | | | | | | | | | | | | | | | | | | | <input type="checkbox"/> LOGISTICAL PRE-TEST IN SILO 4 <input type="checkbox"/> ORNL LAB CHECK <input type="checkbox"/> MOCK-UP/TEST MAPPING EQUIPMENT AT ORNL <input type="checkbox"/> DELIVER MAPPING EQUIPMENT TO FMPC <input type="checkbox"/> MAPPING SYSTEM INSTALLATION <input type="checkbox"/> COMPLETE SILO 4 COLD TEST DEMONSTRATION | | | | | | | | | | | |
| Y411091012 | 10 | 1JUL91 | 12JUL91 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Y411091010 | 5 | 8JUL91 | 12JUL91 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Y411091011 | 2 | 15JUL91 | 16JUL91 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Y411091013 | 5 | 15JUL91 | 18JUL91 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Y411091014 | 5 | 22JUL91 | 26JUL91 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Y510091001 | 424 | 17APR91A | 10AUG92 | WASTE PIT STORMWATER RUNOFF REMOVAL ACTION WASTE PIT RA ACTIVITIES IN K-65 AREA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Activity Bar

Critical Activity

Progress Bar

WESTINGHOUSE MATERIALS CO. OF OHIO

OU4 INTEGRATED PROJECT SCHEDULE

LEVEL IV DETAIL SCHEDULE

Sheet 3 of 3

Prepared by Control Planning and Integration

| Date | Revision | Checked | Approved |
|------|----------|---------|----------|
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| | | | |
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Data Date: 14JUN91

Plot Date: 14JUN91

Primavera Systems, Inc. 1988-1991

Project Start: 1SEP89

Project Finish: 10AUG92

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